Production - Natural Gas STAR Annual Report - 2007

Company Information

Company Name: ExxonMobil Production Company

Natural Gas

Gas STAR Contact: Elizabeth Schroeder

Title

Senior Engineer

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Company Information Updated: No

Activities Reported

BMP1: No BMP2: No BMP3: Yes

Total Methane Emission Reductions Reported This Year: 157,619

Previous Years' Activities Reported: No

Period Covered by Report

Additional Comments

From: 01/01/2007

To: 12/31/2007

Current Year Activities	
A. Facility/location identifier inform	nation:
B. Description of PRO	
Please specify the technology or prace Artificial lift: gas lift (10 years)	tice that was implemented:
Please describe how your company in installed 9 plunger lifts \checkmark	nplemented this PRO:
C. Level of Implementation Number of units installed: 9 units ✓	

Methane Emissions Reduction: 34,560 Mcf/year

BMP3: Partner Reported Opportunities (PROs)

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year

√ ✓ Multi-year

If Multi-year:

D. Methane Emissions Reduction

Basis for the emissions reduction estimate:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

F. Cost Summary Estimated cost of implementing the PRO (including equipment and labor): \$
G. Total Value of Gas Saved Value of Gas Saved: \$ 241,920 \(\) \$ / Mcf used: \$ 7.00
H. Planned Future Activities To what extent do you expect to implement this PRO next year?: As needed to enhance production
The contract of the contract o

Previous	rears.	Activities	

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)
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^{*} Total cost of practice/activity (including equipment and labor)

BMP3: Partner	Reported	Opportunities	(PROs)
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Current Year Activities

A. Facility/location identifier information:

Texas

B. Description of PRO

Please specify the technology or practice that was implemented:

Convert gas-driven chemical pumps to instrument air (10 years)

Please describe how your company implemented this PRO:

Used Solar instrument air 🗸

C. Level of Implementation

Number of units installed: 5 units

D. Methane Emissions Reduction

Methane Emissions Reduction: 12,500 Mcf/year

Basis for the emissions reduction estimate: Other

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

One-year ____/ ✓ Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

·	Production -	Natural Gas	STAR Annual Report	<u>- 2007</u>
F. Cost Sun Estimated co	nmary ost of implementing the PRO (inc	luding equipmen	and labor): S	
_	lue of Gas Saved s Saved: \$87,500 : \$ 7.00			
To what exte	Future Activities out do you expect to implement the ars' Activities	is PRO next year	?:	
Year	Frequency of practice	Total Cost *	Estimated Reductions	Value of Gas

Year	Frequency of practice or # of Installations	Total Cost *	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

^{*} Total cost of practice/activity (including equipment and labor)

BMP3: Partner Reported Opportunities (PROs)
Current Year Activities

A. Facility/location identifier information: √Hawkins TX & GOM

B. Description of PRO

Please specify the technology or practice that was implemented:

Eliminate unnecessary equipment and/or systems

Please describe how your company implemented this PRO:

Removed equipment no longer needed because of production decline 🗸

C. Level of Implementation

D. Methane Emissions Reduction

108,660 Mcf/year 📈 Methane Emissions Reduction: Basis for the emissions reduction estimate:

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

₩ Multi-year

✓ Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date. duration.

* * _	Production -	Natural Gas	STAR Annual Report	<u>- 2007</u>
F. Cost Su Estimated of	mmary cost of implementing the PRO (inc.	luding equipment	and labor): \$	
	alue of Gas Saved as Saved: \$ 760,620 √ d: \$ 7.00			
To what ex	I Future Activities tent do you expect to implement thi 'ears' Activities	is PRO next year'	?: As needed 🗸	
Year	Frequency of practice or # of Installations	Total Cost *	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (S)
				•

^{*} Total cost of practice/activity (including equipment and labor)

Cu	rrent Year Activities
A	. Facility/location identifier information:
C	OM

BMP3: Partner Reported Opportunities (PROs)

B. Description of PRO

Please specify the technology or practice that was implemented:

Install electric compressors (10 years)

Please describe how your company implemented this PRO: Converted a natural gas compressor to electric V

C. Level of Implementation Number of units installed: 1 units

D. Methane Emissions Reduction Methane Emissions Reduction: 1,899 Mcf/year Other 🗸

Basis for the emissions reduction estimate:

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

√ Multi-year One-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

<u> </u>	Production - Natural Gas STAR Annual Report - 2007		
F. Cost Summary Estimated cost of impler	menting the PRO (including equipment an	nd labor): \$	
G. Total Value of Gas S Value of Gas Saved: \$ S / Mcf used: \$ 7.00	Saved 13,293 ✓		
H. Planned Future Act To what extent do you e		As needed, and where possible 🛩	
Previous Years' Activit	ties		

	Frequency of practice	Total Cost *	Estimated Reductions	Value of Gas
Year	or # of Installations	(\$)	(Mcf/Yr)	Saved (\$)
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	<u>.</u>			
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^{*} Total cost of practice/activity (including equipment and labor)

ExxonMobil Production Company Additional Accomplishments